

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP 2004/008506

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' C08F 220/04, C08F 222/02, C08F 4/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' C08F 220/04, C08F 222/02, C08F 4/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI/L

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-52915 A (NIPPON SHOKUBAI CO., LTD.) 1997.02.25, claims, [0023] - [0026], [0047], [0081] - [0121] & EP 747343 A1 & US 5859286 A1 & US 6107428 A1	1-4, 10-12
Y	WO 95/03342 A (NIPPON SHOKUBAI CO., LTD.) 1995.02.02, claims, expelment1-21, 1-23, 1-24 and 1-25, table 5 and table 6 & EP 668298 A1 & CN 1112787 A & US 5733857 A1 & JP 2574144 B & US 5993666 A1	1-6, 10-12
Y	JP 2000-355615 A (NIPPON SHOKUBAI CO., LTD.) 2000.12.26, claims, [0120] - [0124] (Family: none)	1-6, 10-12
Y	JP 2002-12627 A (NIPPON SHOKUBAI CO., LTD.) 2002.01.12, claims, [0057] - [0059] & EP 1101778 A1 & CA 1296022 A	1-6, 10-12



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PA	WO 2004/024856 A2 (NIPPON SHOKUBAI CO., LTD.) 2004.03.25, claims, table 2, table 4, table 6, table 8 & EP 1442108 A1 & JP 2004-217891 A	1-12
PA	CA 2425618 A1 (NIPPON SHOKUBAI CO., LTD.) 2003.10.17, claims & EP 1354936 A1 & JP 2004-2615 A & JP 2003-313590 A & JP 2003-306699 A & US 2003-199420 A1	1-12
A	WO 01/83572 A1 (KIMBERLY-CLARK WORLDWIDE, INC.) 2001.11.08, claims & EP 1280835 A1 & JP 2004-532754 A & US 6683143 B	1-12
A	WO 00/59958 A1 (IDEMITSU PETROCHEMICAL CO., LTD.) 2000.10.12, claims & JP 2001-270918 A	1-12